

	<b>Document ID</b>	<b>Kind Codes</b>	<b>Source</b>	<b>Issue Date</b>	<b>Page s</b>	<b>Title</b>
<b>1</b>	US 20020160753 A1		US-PGPUB	20021031	33	Electronic mail system with RF communications to mobile processors
<b>2</b>	US 20020132606 A1		US-PGPUB	20020919	48	Electronic mail system with RF communications to mobile processors
<b>3</b>	US 20010000959 A1		US-PGPUB	20010510	72	System and method of radio transmission between a radio transmitter and radio receiver
<b>4</b>	US 6567397 B1		USPAT	20030520	16	System and method for wireless exchange of data in a non-real-time data communications system
<b>5</b>	US 6337628 B1		USPAT	20020108	66	Omnidirectional and directional antenna assembly
<b>6</b>	US 6317592 B1		USPAT	20011113	57	Electronic mail system with RF communications to mobile processors
<b>7</b>	US 6272190 B1		USPAT	20010807	106	System for wireless transmission and receiving of information and method of operation thereof
<b>8</b>	US 6198783 B1		USPAT	20010306	70	System for wireless serial transmission of encoded information
<b>9</b>	US 6169485 B1		USPAT	20010102	68	System and method of radio transmission between a radio transmitter and radio receiver
<b>10</b>	US 6067451 A		USPAT	20000523	44	Electronic mail system with RF communications to mobile processors
<b>11</b>	US 5973601 A		USPAT	19991026	67	Method of radio transmission between a radio transmitter and radio receiver
<b>12</b>	US 5819172 A		USPAT	19981006	58	Electronic mail system with RF communications to mobile radios
<b>13</b>	US 5751773 A		USPAT	19980512	90	System for wireless serial transmission of encoded information

	<b>Abstract</b>	<b>Current OR</b>	<b>Current XRef</b>	<b>Inventor</b>
<b>1</b>		455/412.1	455/413	Campana, Thomas J. JR. et al.
<b>2</b>		455/412.1	455/413	Campana, Thomas J. JR. et al.
<b>3</b>		340/573.1	343/741	Campana, Thomas J. JR.
<b>4</b>		370/349	370/474	Campana, Jr.; Thomas J. et al.
<b>5</b>		340/573.4	343/741	Campana, Jr.; Thomas J.
<b>6</b>		455/412.1	455/418; 709/206	Campana, Jr.; Thomas J. et al.
<b>7</b>		375/347		Campana, Jr.; Thomas J.
<b>8</b>		375/346	375/219; 375/238; 375/239; 375/302	Campana, Jr.; Thomas J.
<b>9</b>		340/573.4	342/118; 342/147; 455/296	Campana, Jr.; Thomas J.
<b>10</b>		455/412.1	379/100.08; 455/418	Campana, Jr.; Thomas J. et al.
<b>11</b>		340/573.4	370/514; 375/354	Campana, Jr.; Thomas J.
<b>12</b>		455/412.1	379/100.08; 455/418	Campana, Jr.; Thomas J. et al.
<b>13</b>		375/346	370/503; 370/506	Campana, Jr.; Thomas J.

	Document ID	Kind Codes	Source	Issue Date	Pages	Title
14	US 5745532 A		USPAT	19980428	109	System for wireless transmission and receiving of information and method of operation thereof
15	US 5742644 A		USPAT	19980421	91	Receiving circuitry for receiving serially transmitted encoded information
16	US 5722064 A		USPAT	19980224	122	Radio receiver for use in a radio tracking system
17	US 5722059 A		USPAT	19980224	136	Radio receiver for use in a radio tracking system and a method of operation thereof
18	US 5717725 A		USPAT	19980210	124	System for wireless transmission and receiving of information through a computer bus interface and method of operation
19	US 5714937 A		USPAT	19980203	126	Omidirectional and directional antenna assembly
20	US 5710798 A		USPAT	19980120	115	System for wireless transmission and receiving of information and method of operation thereof
21	US 5694428 A		USPAT	19971202	72	Transmitting circuitry for serial transmission of encoded information
22	US 5650769 A		USPAT	19970722	75	Radio receiver for use in a radio tracking system and a method of operation thereof
23	US 5640146 A		USPAT	19970617	75	Radio tracking system and method of operation thereof

	<b>Abstract</b>	<b>Current OR</b>	<b>Current XRef</b>	<b>Inventor</b>
<b>14</b>		375/347	455/504	Campana, Jr.; Thomas J.
<b>15</b>		375/316	370/503; 370/514	Campana, Jr.; Thomas J.
<b>16</b>		455/351	340/573.4; 343/702	Campana, Jr.; Thomas J.
<b>17</b>		455/226.2	375/136; 375/137	Campana, Jr.; Thomas J.
<b>18</b>		375/347	455/504; 714/776	Campana, Jr.; Thomas J.
<b>19</b>		340/573.1	340/572.7; 343/741	Campana, Jr.; Thomas J.
<b>20</b>		375/347	370/506	Campana, Jr.; Thomas J.
<b>21</b>		375/260	370/509	Campana, Jr.; Thomas J.
<b>22</b>		340/573.4	340/539.1; 340/539.23; 340/825.49; 342/42; 375/346; 714/798	Campana, Jr.; Thomas J.
<b>23</b>		340/573.4	340/825.49; 342/147; 375/346; 455/517; 714/798	Campana, Jr.; Thomas J.

	<b>Document ID</b>	<b>Kind Codes</b>	<b>Source</b>	<b>Issue Date</b>	<b>Pages</b>	<b>Title</b>
<b>24</b>	US 5631946 A		USPAT	19970520	54	System for transferring information from a RF receiver to a processor under control of a program stored by the processor and method of operation thereof
<b>25</b>	US 5625670 A		USPAT	19970429	71	Electronic mail system with RF communications to mobile processors
<b>26</b>	US 5479472 A		USPAT	19951226	44	System for interconnecting electronic mail systems by RF communications and method of operation thereof
<b>27</b>	US 5446759 A		USPAT	19950829	128	Information transmission system and method of operation
<b>28</b>	US 5438611 A		USPAT	19950801	43	Electronic mail system with RF communications to mobile processors originating from outside of the electronic mail system and method of operation thereof
<b>29</b>	US 5436960 A		USPAT	19950725	45	Electronic mail system with RF communications to mobile processors and method of operation thereof
<b>30</b>	US 5345232 A		USPAT	19940906	11	Traffic light control means for emergency-type vehicles
<b>31</b>	US 5121115 A		USPAT	19920609	78	Method of transmitting information using programmed channels
<b>32</b>	US 5077834 A		USPAT	19911231	21	Paging receiver with continuously tunable antenna and RF amplifier
<b>33</b>	US 5052049 A		USPAT	19910924	45	Paging receiver with continuously tunable antenna
<b>34</b>	US 5047764 A		USPAT	19910910	301	Paging system with dynamically programmable reception frequencies

	<b>Abstract</b>	<b>Current OR</b>	<b>Current XRef</b>	<b>Inventor</b>
<b>24</b>		455/412.1	370/428; 379/100.08; 455/418	Campana, Jr.; Thomas J. et al.
<b>25</b>		455/412.1	370/428; 379/93.24	Campana, Jr.; Thomas J. et al.
<b>26</b>		455/412.1	709/206	Campana, Jr.; Thomas J. et al.
<b>27</b>		375/267	375/347; 455/272; 455/504; 714/2	Campana, Jr.; Thomas J.
<b>28</b>		455/412.1		Campana, Jr.; Thomas J. et al.
<b>29</b>		455/412.1		Campana, Jr.; Thomas J. et al.
<b>30</b>		340/906	340/286.14; 340/902; 340/904; 340/994; 340/995.16	Robertson; Michael T.
<b>31</b>		340/825.02	340/7.3	Andros; Andrew A. et al.
<b>32</b>		455/193.1	455/184.1; 455/234.1; 455/266	Andros; Andrew A. et al.
<b>33</b>		455/186.1	340/7.42; 343/718; 455/193.1	Andros; Andrew A. et al.
<b>34</b>		340/7.39	340/7.25	Andros; Andrew A. et al.

	Document ID	Kind Codes	Source	Issue Date	Page s	Title
35	US 5045850 A		USPAT	19910903	17	Paging system with centralized page source and distributed page sources
36	US 5039984 A		USPAT	19910813	48	Paging receiver with programmable areas of reception
37	US 5012235 A		USPAT	19910430	18	Paging receiver with continuously tunable antenna and RF amplifier
38	US 4978944 A		USPAT	19901218	44	Paging receiver with dynamically programmable channel frequencies
39	US 4935732 A		USPAT	19900619	49	Paging receiver with programmable areas of reception
40	US 4928100 A		USPAT	19900522	45	Paging receiver for receiving pages from analog or digital paging transmitters
41	US 4914434 A		USPAT	19900403	68	Traffic signal preemption system
42	US 4881073 A		USPAT	19891114	79	Paging system with dynamically programmable reception frequencies
43	US 4878051 A		USPAT	19891031	81	Paging system with commands for changing functionality of a paging receiver
44	US 4876538 A		USPAT	19891024	80	Paging system sublocal switch
45	US 4875039 A		USPAT	19891017	79	Paging system with transmission protocol compatible with analog and digital transmitters
46	US 4870410 A		USPAT	19890926	83	Paging system local switch
47	US 4868860 A		USPAT	19890919	78	Paging system for entering pages by local telephone call

	Abstract	Current OR	Current XRef	Inventor
35		340/7.28	340/7.27; 340/825.26; 370/381	Andros; Andrew A. et al.
36		340/7.25	340/7.39; 340/7.49	Andros; Andrew A. et al.
37		340/7.24	340/7.42; 455/182.2; 455/192.2; 455/517; 455/77	Andros; Andrew A. et al.
38		340/7.41	340/7.35; 340/7.42; 340/7.55; 455/255; 455/71	Andros; Andrew A. et al.
39		340/7.25	340/7.28; 340/7.35; 340/7.41	Andros; Andrew A. et al.
40		340/7.45	340/7.49; 340/7.54; 375/216; 455/142; 455/227	Andros; Andrew A. et al.
41		340/906	340/902; 340/907	Morgan; Rodney K. et al.
42		340/7.41	340/7.27; 340/7.42; 455/154.1; 455/164.2; 455/62	Andros; Andrew A. et al.
43		340/7.41	340/7.25; 340/7.55	Andros; Andrew A. et al.
44		340/7.27	340/7.29; 340/7.31; 340/7.48; 340/825.26; 340/825.27	Andros; Andrew A. et al.
45		340/7.27	340/7.49; 455/93	Andros; Andrew A. et al.
46		340/825.02	340/7.27; 340/7.28; 455/560	Andros; Andrew A. et al.
47		340/7.25	340/7.32; 340/7.43; 340/825.49	Andros; Andrew A. et al.

	Document ID	Kind Codes	Source	Issue Date	Pages	Title
48	US 4868562 A		USPAT	19890919	83	Paging system
49	US 4868558 A		USPAT	19890919	84	Paging system data switch
50	US 4866431 A		USPAT	19890912	83	Paging system hub switch
51	US 4857915 A		USPAT	19890815	44	Paging receiver with paging receiver identification code digits transmitted in order of increasing significance
52	US 4853688 A		USPAT	19890801	45	Paging receiver displaying place of origin of pages
53	US 4851830 A		USPAT	19890725	45	Paging receiver with continuously tunable antenna
54	US 4849750 A		USPAT	19890718	44	Paging receiver with dynamically programmable channel frequencies and functionality
55	US 3995186 A		USPAT	19761130	6	Ion-plasma gun for ion-milling machine
56	WO 9627173 A1		EPO	19960906	248	RADIO TRACKING SYSTEM AND METHOD OF OPERATION THEREOF
57	WO 9625802 A2	A2, A3	EPO	19960822	231	SYSTEM, TRANSMITTING AND RECEIVING CIRCUITRY FOR SERIALY TRANSMITTING AND SERIALY RECEIVING ENCODED INFORMATION AND METHOD OF OPERATION
58	WO 9506368 A1		EPO	19950302	342	INFORMATION TRANSMISSION SYSTEM AND METHOD OF OPERATION
59	WO 9221197 A1		EPO	19921126	57	ELECTRONIC MAIL SYSTEM AND SYSTEM FOR INTERCONNECTING ELECTRONIC MAIL SYSTEMS BY RF COMMUNICATIONS
60	WO 9011653 A1		EPO	19901004	79	PAGING RECEIVER WITH CONTINUOUSLY TUNABLE ANTENNA AND RF AMPLIFIER

	<b>Abstract</b>	<b>Current OR</b>	<b>Current XRef</b>	<b>Inventor</b>
<b>48</b>		340/7.25	340/825.02; 340/825.49	Andros; Andrew A. et al.
<b>49</b>		340/825.02	340/7.31; 370/400; 370/428	Andros; Andrew A. et al.
<b>50</b>		340/825.02	340/7.31; 455/560	Andros; Andrew A. et al.
<b>51</b>		340/7.25	340/7.39; 340/7.46; 340/7.49	Andros; Andrew A. et al.
<b>52</b>		340/7.25	340/7.46; 340/7.49; 340/7.55	Andros; Andrew A. et al.
<b>53</b>		340/7.25	455/71	Andros; Andrew A. et al.
<b>54</b>		340/7.25	340/7.39; 340/7.49; 370/311; 370/349; 455/158.2	Andros; Andrew A. et al.
<b>55</b>		313/231.41	219/121.36	Kaminsky; Manfred S. et al.
<b>56</b>				CAMPANA, THOMAS J JR
<b>57</b>				CAMPANA, THOMAS J JR
<b>58</b>				CAMPANA, THOMAS J JR
<b>59</b>			455/FOR.20 5	CAMPANA, THOMAS J JR
<b>60</b>			455/193.1	ANDROS, ANDREW A et al.

	Document ID	Kind Codes	Source	Issue Date	Pages	Title
61	WO 8904025 A1		EPO	19890505	127	PAGING RECEIVER WITH PROGRAMMABLE AREAS OF RECEPTION

	Type	Hits	Search Text	DBs	Time Stamp
1	BRS	11149	maintain\$ near5 (website or site or (web adj2 site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:01
2	BRS	19886	maintain\$6 near5 (costly or expensive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:36
3	BRS	184	S263 and S264	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:09
4	BRS	32848	(third or independent) near5 party	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:10
5	BRS	36579	(third or independent) near5 party	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:10
6	BRS	61	S265 and S266	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:15
7	BRS	15	kintera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:16
8	BRS	2322	(merchant or retailer) near5 (website or site or (web adj2 site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:19
9	BRS	46	S264 and S270	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:19
10	BRS	30295	(building or forming) near5 (Internet or website or site or (web adj2 site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:36
11	BRS	592	S266 and S272	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:36
12	BRS	1023753	(costly or expensive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:36
13	BRS	280	S273 and S274	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:36

	Type	Hits	Search Text	DBs	Time Stamp
14	BRS	804958	tracking or monitoring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:37
15	BRS	228	S275 and S276	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:37
16	BRS	64705	fee	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:37
17	BRS	110	S277 and S278	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:51
18	BRS	53	Internet near5 outsourcing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 15:51
19	BRS	53	Internet near5 outsourcing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:00
20	BRS	663	(online or (on adj3 line)) near5 banking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:23
21	BRS	1378	(online or (on adj3 line)) near5 (advantage or benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:06
22	BRS	659467	(website or site or (web adj2 site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:01
23	BRS	13	S284 and S285	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:02
24	BRS	19	S282 and S283	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:03
25	BRS	6783	(Internet or online or (on adj3 line)) near5 (advantage or benefit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:07
26	BRS	73510	banking or financial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:07

	Type	Hits	Search Text	DBs	Time Stamp
27	BRS	1099	S287 and S288	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:08
28	BRS	811	S285 and S289	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:08
29	BRS	805037	monitoring or tracking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:08
30	BRS	444	S290 and S291	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:08
31	BRS	7797877	available or availability	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:10
32	BRS	433	S292 and S293	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:17
33	BRS	8241671	"1999" or "2000" or "2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:18
34	BRS	373	S294 and S295	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:19
35	BRS	29	S282 and S296	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:19
36	BRS	1562	(internet or online or (on adj3 line)) near5 banking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:24
37	BRS	1938	(internet or online or (on adj3 line)) near10 banking	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/21 16:24
38	BRS	21	S283 and S298	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 07:31
39	BRS	4939	NTP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 07:38

	Type	Hits	Search Text	DBs	Time Stamp
40	BRS	324	wireless and NTP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 07:39
41	BRS	16195	wireless near5 phone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 07:40
42	BRS	52	S302 and S303	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 07:46
43	BRS	0	assignee near5 ntp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 07:42
44	BRS	646	yao near5 kwang	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 07:57
45	BRS	61	thomas near5 campana	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 08:56
46	BRS	2	"5937391".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 08:58
47	BRS	2	"5774870".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:00
48	BRS	2	"6009412".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:00
49	BRS	32848	(third or independent) near5 party	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:03
50	BRS	713212	internet or website or web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:03
51	BRS	765470	internet or website or web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:04
52	BRS	20547	S311 and S313	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:04

	Type	Hits	Search Text	DBs	Time Stamp
53	BRS	1775	outsource or outsourcing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:05
54	BRS	717	S314 and S315	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:06
55	BRS	11149	maintain\$ near5 (website or site or (web adj2 site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:06
56	BRS	1	S316 and "I11"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:06
57	BRS	659467	(website or site or (web adj2 site))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:07
58	BRS	11149	S317 and S319	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:07
59	BRS	551	S316 and S319	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:07
60	BRS	1203120	monitor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:07
61	BRS	427	S321 and S322	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:08
62	BRS	6425972	"1999" or "2000"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:12
63	BRS	303	S323 and S324	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:09
64	BRS	3586585	"1998"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:12
65	BRS	72	S323 and S326	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	2004/12/22 09:12